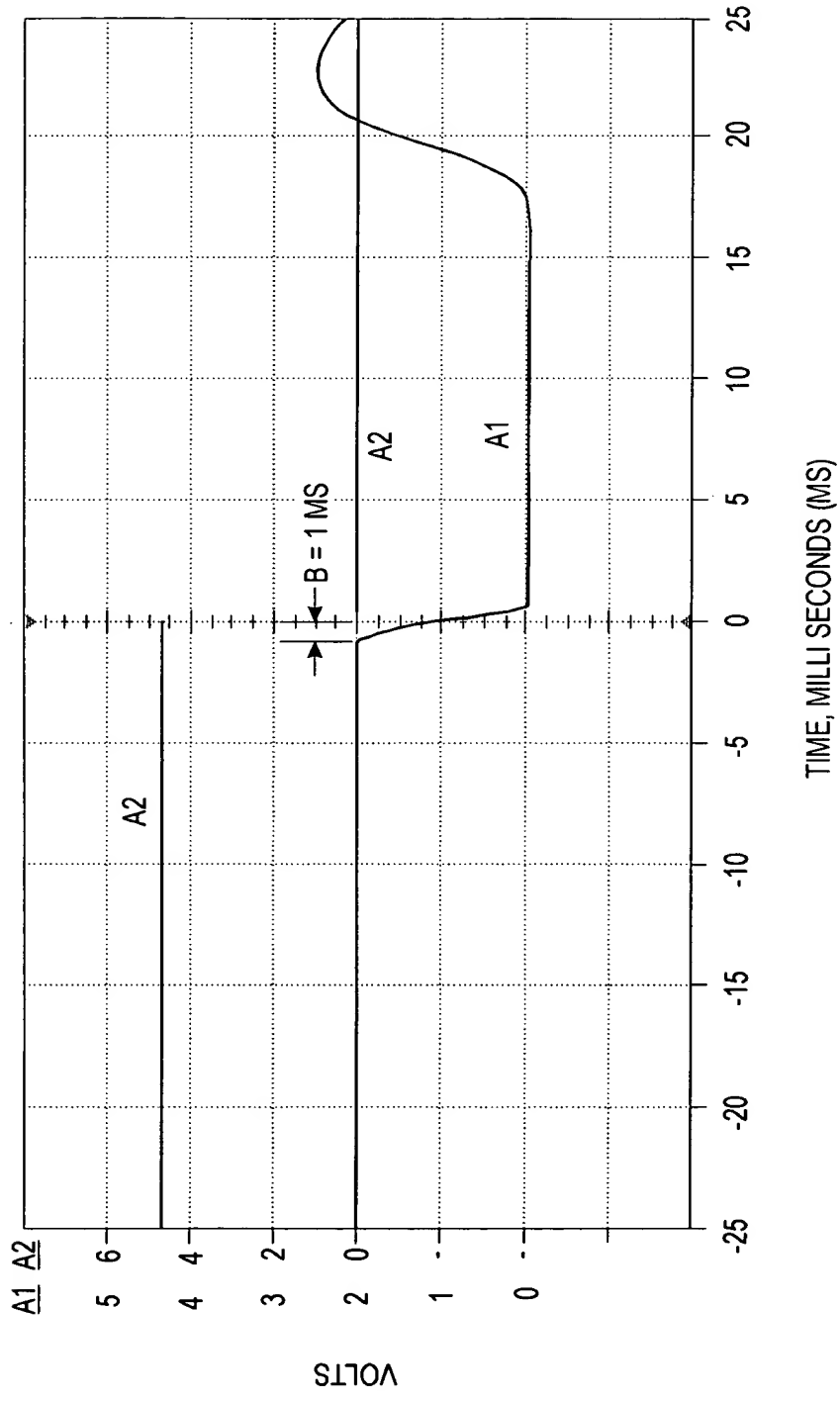


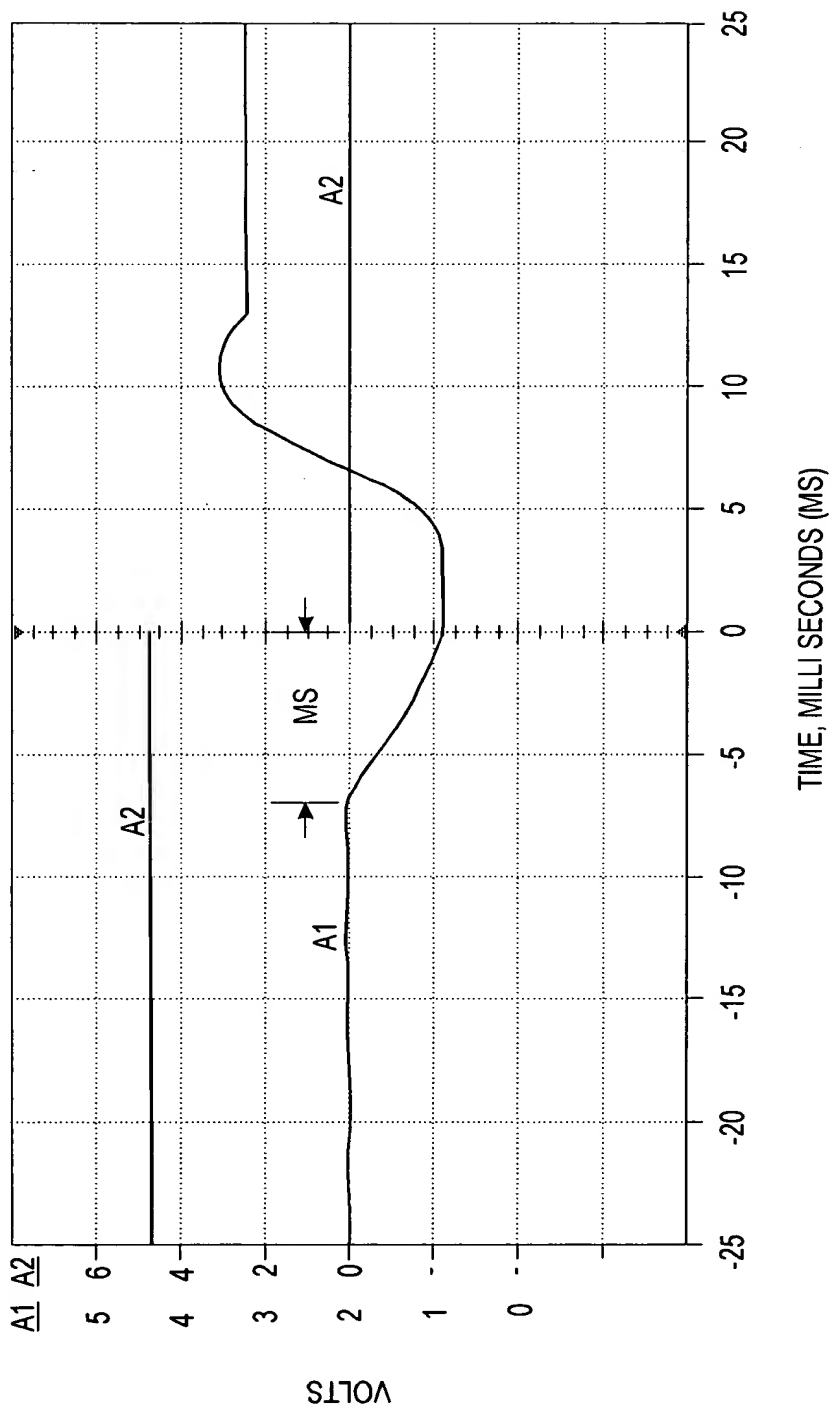
A1 - VOLTAGE PRODUCED FROM VERTICAL CONTACT BY CAPILLARY WITH
A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 1



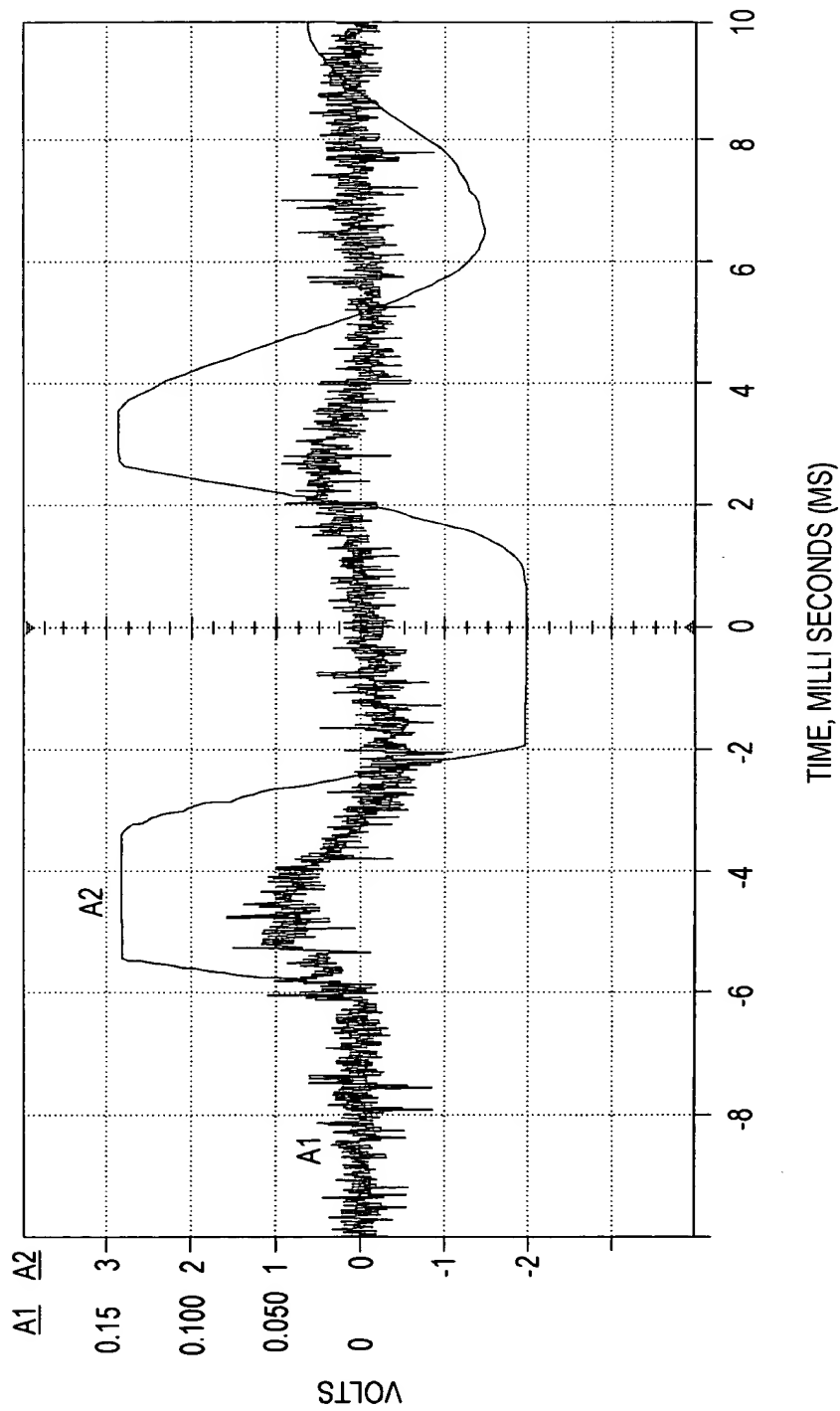
A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY
WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 2



A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY
 WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
 A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 3



A1 - UNDAMPED VOLTAGE PRODUCED BY CAPILLARY
A2 - AMPLIFIED VOLTAGE PRODUCED BY CAPILLARY
CONTACTING A SOLID SURFACE

FIG. 4

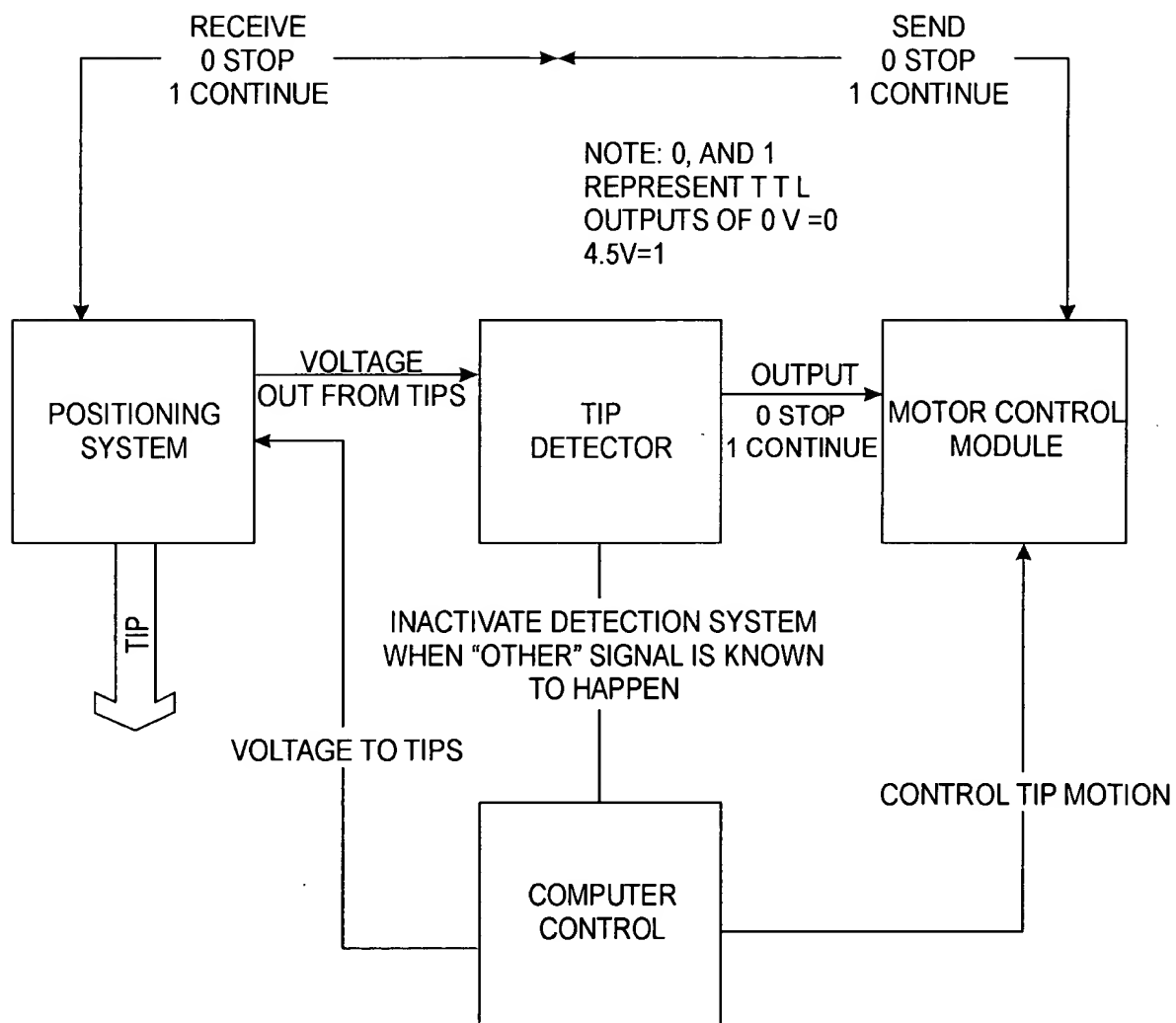


FIG. 5